



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

D4121-5
Job Sheet 179326



Part No: D4121-5

Job Qty: 4 ea

Part Name: Hose Assembly



Part Weight: 0 lbs

Status: Scheduled

Priority: Medium

Job Created: 6/16/18

Job Tracking No:

Due Date: 6/28/18

Created By: Marie Lajeunesse

Type: Stock

Description:

Note: DWG REV D IPP REV:A NEW ISSUE 10-10-05 JLM VERIFIED BY:DD IPP REV:B AS PER ECN 11-598 11-06-05 JLM VERF:DD IPP REV:C 11.11.16 AS PER DWG REV.D DD VERF:EC

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup hrs	Run Hrs	Workcenter / Supplier	Lead Time	
100	Purchasing	4 pcs		6/28/18	0.00	0.00	Purchasing		JUN 26 2018
110	Packaging	4 pcs		6/28/18	0.00	0.00	Packaging2		JUN 26 2018
120	QC	4 pcs		6/28/18	0.00	0.00	QC6		38
130	Small Fab	4 pcs		6/28/18	0.00	0.42	Small Fab-5		DAS-89 Smf
140	QC	4 pcs		6/28/18	0.00	0.00	QC5		38 DAS
150	Packaging	4 pcs		6/28/18	0.00	0.00	Packaging3-2	5/213	JUN 29 2018 6
160	QC21-SA	4 Ea		6/28/18	0.00	0.00	QC21		DAS JUN 29 2018

Part Op 100 - Create D2729-1 label and include with W/O
Descriptions: 110 - Ensure Material Release Note is attached

130 - Install D2729-1 as per Dwg D4121

PO 040246

21.19.18 4.03.9-89

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
156062D1054D000	Hose Assembly D4121-5	4 pcs (1 ea)	100-Purchasing	
D2182-045	Heat Shrink 4.5" Long	4 Ea (1 ea)	130-Small Fab	5030383
D2729-1	Part Id Label (Re-Issue)	4 pcs (1 ea)	130-Small Fab	

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
100-Purchasing	156062D1054D000	4	0	0
130-Small Fab	D2182-045	4	32	0
	D2729-1	4	0	0

Part Specifications

Specifications could not be found.

WORK ORDER NON-CONFORMANCE / UPDATE



DQA: _____ Date: _____

QA Closed: _____ Date: _____

Work Order update only

Work Order: _____		DISPOSITION				AGAINST DEPARTMENT/PROCESS															
Part No. _____		Rework ☐ Scrap ☐ Use-as-is ☐				Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐				Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐				Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐				Engineering ☐ Quality ☐ Other ☐			
NCR No. _____		Suspected Unapproved ☐				QTY Effective : _____				MRB (QS1042) Approval											
Date : _____		Step #: _____																			
Description Work Order Deviation										Disposition											
										Completed By											
										Lead hand / Supervisor Approval Verification											
										QC / QA Coordinator Approval											

Environment

Desl _____

Doc/Dat _____

Equip/Tooling _____

Handling/Pre _____

Material _____

Internal Transport _____

Tribal Knowledge _____

LOA _____

Substation _____

Past Expiry Date _____

Misidentified _____

FAULT CATEGORY

ssure/Forced	☐	Temperature/Cure	☐	Power Loss/Surge	☐	Positioned Wrong	☐
nding	☐	Set-up	☐	Folio/Program	☐	Outside Dimensions	☐
ltre Not Concentric	☐	BOM/Route	☐	Grain	☐	Over/Under tolerance	☐
cks	☐	Broken/Damage/Defect	☐	Weld	☐	Part Incorrect	☐
np/Kink/Ripple/Wave	☐	Inspection Incomplete/Unqualified	☐	Wrong Stock Pulled	☐	Part Lost/Missing	☐
fs	☐	Contamination	☐	Out of Sequence	☐	Part Moved	☐
shing	☐	Countersink	☐	Off-set	☐	Drawing	☐
t Treat	☐	Cut Too Short	☐	Mislabeled	☐	Finish	☐
re/Twist in Tube	☐	Instructions Incomplete/Unclear	☐	Fit/Function	☐	Misread	☐
ks/Chatter	☐	Drill Holes	☐	Misaligned/off center	☐	Turning Sequence	☐

DART AEROSPACE

Container No: S084183

Part: D4121-5

Job No: 179326

Serial No/Batch: S084183

Revision: _____

Inspector: _____

Exp Date: _____

Instructions: _____

Dart Aerospace Ltd.

1270 Aberdeen Street

Hawkesbury, ON K6A 1K7

CANADA

TEL: 1 613 632-5200

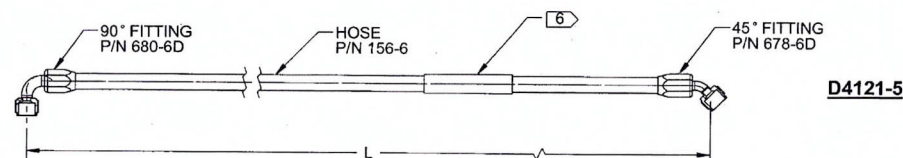
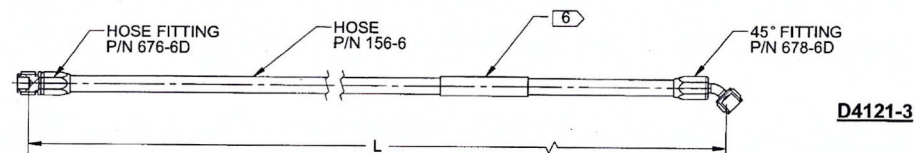
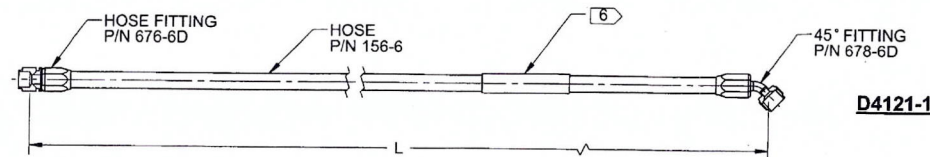
Email: sales@dartaero.com

www.dartaerospace.com

Date: 05/26/18

8 7 6 5 4 3 2 1

HOSE SPECIFICATION			
DART P/N	STRATOFLEX P/N	VENDOR	L
D4121-1	156003-6D0274	API/ AVIAL	27.50
D4121-3	156003-6D0590	API/ AVIAL	59.00
D4121-5	156062D1054D000	API/ AVIAL	105.50



SHOP COPY
RETURN TO
ENGINEERING
UNCONTROLLED COPY
SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER

NO. 179326 MWS
1806-18

RELEASED
2011-11-16

NOTES:

- 1) MATERIAL: N/A
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: IDENTIFY WITH DART P/N & B/N USING D2729-1 LABEL INSTALLED WITH D2182-045 HEAT SHRINK
- 7) WEIGHT: N/A
- 8) STAINLESS STEEL COVERING TO HAVE MINIMUM THICKNESS OF 0.015"

D	P/N 156003-6D0590 WAS 156003-6D0570 (ZN D2-1)	RF	11.11.14
C	ADD P/N 156062D1054D000 TO D4121-5	RF	11.07.27
B	P/N 676-6D WAS P/N 678-6S (ZN C4-1, B4-1); P/N 676-6D WAS 676-6S (ZN D8-1, C8-1); P/N 680-6D WAS P/N 680-6S (ZN B8-1); UPDATE STRATOFLEX P/N (ZN C2-1); UPDATE NOTE 8	RF	11.03.07
A	NEW ISSUE	RF	10.09.16
REV.	DESCRIPTION	BY	DATE
DESIGN	RF	DART AEROSPACE USA, INC. KENT, WA	
DRAWN	RF		
CHECKED	RF	DRAWING NO.	REV. D
MFG. APPR.	RF	D4121	SHEET 1 OF 1
APPROVED	RF	TITLE	SCALE
DE APPR.	RF	HOSE ASSEMBLIES	NTS
DATE	11.11.14	COPYRIGHT © 2010 BY DART AEROSPACE USA, INC. THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE USA, INC.	

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval		
Description Work Order Deviation				Disposition				Completed By	
								Lead hand / Supervisor Approval Verification	
								QC / QA Coordinator Approval	
Root Cause		FAULT CATEGORY							
Environment ☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐				
Design ☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐				
Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐				
Equip/Tooling ☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐				
Handling/Pre ☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐				
Material ☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐				
Internal Transport ☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐				
Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐				
LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐				
Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐				
Past Expiry Date ☐	Manufacturing Process ☐								
Misidentified ☐	Past Due ☐								
		OTHER :							



DELIVERY NUMBER: 8006022296

ROUTE: US FedEx International Priority

PAGE: 1 of 1
DATE: 22JUN18
TIME: 16:53:20
EMP: 00000000~
ORD TYP: ZOR 169
CURRENCY: USD
TERMS: Net 30

CUSTOMER PO: PO040246
ORDER NUMBER: 1004179550
ORDER DATE: 19JUN18

B 10003952
I DART AEROSPACE LTD
L 1270 ABERDEEN STREET
L HAWKESBURY ON K6A 1K7
T CANADA
O

S 10003952
H DART AEROSPACE LTD
I 1270 ABERDEEN STREET
P HAWKESBURY ON K6A 1K7
T CANADA
O

S 1009
H AVIALL DALLAS HOSE SHOP
I DALLAS HOSE SHOP
P 2755 REGENT BLVD
F DFW AIRPORT TX 75261
R USA
O

LINE	PO LINE	MFG	ITEM DESCRIPTION	ORDER QUANTITY	SHIP QUANTITY	QUANTITY BACK ORDER	UOM	CUSTOMER PRICE	EXTENDED CUSTOMER PRICE
00010	0	1S	156003-6D0274 HOSE: MED PRESSURE,RUBBER BATCH 100163041	6	6	0	EA	244.72	1,468.32
00020	0	1S	156003-6D0590 HOSE: MED PRESSURE,RUBBER BATCH 100163042	4	4	0	EA	297.64	1,190.56
00030	0	1S	156062D1054D000 HOSE: MED PRESSURE,RUBBER BATCH 100163043	4	4	0	EA	501.22	2,004.88

JUN 26 2018

This is not an Invoice.
For payment processing, please refer to Invoice.

The recipient of these goods agrees to comply with all export regulations governing the transfer, sale, lease, or use of these goods.
Diversion contrary to U.S. Law is prohibited.

CERTIFICATE OF CONFORMANCE

It is hereby certified that Aviall Services, Inc., is an approved distributor and meets all requirements of ISO9001, AS9100, AS9120 and AC 00-56 at 2750 Regent Blvd. DFW Airport, Texas. The products, articles or parts referenced on this document are in new or overhauled condition and were purchased from an approved source (FAA, EASA, TCCA, Mil Spec or Commercial). The Original Manufacturers' Certifications are maintained on file at our central office location, and copies are available upon request or at Aviall.com. For overhauled or repaired products, articles or parts, the original FAA 8130-3 / EASA Form 1 (Return to Service) or Yellow Tag, from the FAA/JAA/EASA approved Air Agency are attached to the component.

[Signature]

DISCOUNT TERMS APPLY ONLY TO SUB TOTAL. ALL RETURNED MERCHANDISE SUBJECT TO HANDLING FEE.
THIS IS TO CERTIFY THAT AVIALL HAS COMPLIED WITH THE PROVISIONS OF THE FAIR LABOR ACT OF 1938 AMENDED.

CUSTOMER COPY



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER PO040246

Supplier: AVI002-VU
Aviall
PO BOX 842267
Dallas, TX 75284-2267 USA
Phone: 905-676-1695
Fax: 905-676-9046

PO No: PO040246
PO Date: 6/19/18
Due Date: 6/26/18

**Purchase Order
Revision:**

Revision Date:

Ship-To Contact: Phone:

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

Via: Ground

Pymt Terms: Net 30

Freight Terms:

Special Comments:

Items

Line Item	Job	Part	Supplier Part No	Description	Status	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (USD)	Extended Price
1		156003-6D0274	156003-6D0274	Hose Assembly D4121-1 As per Dwg D4121 Rev. D.	Firmed	6/26/18	6 pcs	0 pcs	6 pcs	\$244.72/pcs	\$1,468.32
Line Item Note wo 178319											
2		156003-6D0590	156003-6D0590	Hose Assembly D4121-3 As Per Dwg D4121 Rev. D	Firmed	6/26/18	4 pcs	0 pcs	4 pcs	\$297.64/pcs	\$1,190.56
Line Item Note wo 178323											
3		156062D1054D000	156062D1054D000	Hose Assembly D4121-5 As Per Dwg D4121 Rev. D	Firmed	6/26/18	4 pcs	0 pcs	4 pcs	\$501.22/pcs	\$2,004.88
Line Item Note wo 178324											

Grand Total: \$4,663.76

Order Notes

Procurement Quality Clauses
A005 RIGHT OF ENTRY
A016 PERSONNEL QUALIFICATION
A026 CERTIFICATION OF MATERIAL CONFORMANCE
A032 DOCUMENT SPECIAL REQUIREMENTS
A033 STATEMENT OF CONFORMITY/TEST RECORDS FOR NAS, AN and MS FASTENERS
A040 NOTIFICATION OF QUALITY ESCAPE
A041 QUALITY MANAGEMENT SYSTEM
A042 DART NOTIFICATION BY SUPPLIER
A043 RETENTION OF QUALITY DOCUMENTS

A048 COUNTERFEIT PARTS AVOIDANCE, DETECTION, MITIGATION AND DISPOSITION PROGRAM
A049 SUPPLIER AWARENESS

DAS
38
9:59

JUN 26 2018



Hose Shop 2755 Regent Blvd, Dfw Airport, TX 75261

Phone: 972-586-1380

Fax: 972-586-1381

WWW.AVIALL.COM

TSO CERTIFICATION

It is hereby certified that (A) The parts and/or materials reflected herein were produced under Federal Aviation Administration approved manufacturing and quality control system/methods as set forth in the FAA issued technical standard order authorizations (TSOA) issued to Stratoflex and (B) such parts and/or materials are new and are in condition for safe operation.

Aviall Order Number: 1004179550

0010: 156003-6D0274

6 ea.

0020: 156003-6D0590

4 ea.

0030: 156062D1054D000

4 ea.

Signed: _____

Date: **06/22/2018**

Aviall is not providing OEM parts. Aviall is an authorized Stratoflex distributor providing TSO assemblies. Numbers referenced per customer requirements are for customer reference ONLY and are in no way intended to be represented as OEM parts. Any reference to an OEM part number does not authorize or reflect installation authority for this part. The installation authority is provided by the mechanic installing this product in accordance with FAR Part 43. If applicable, satisfactory compliance with the conditions and tests required for TSO approval indicates the hose assembly has met the minimum performance standards as stated in the TSO. Furthermore, it is the responsibility of the installer to determine the installation eligibility and that it will not cause the hose assembly to be subjected to conditions in excess of those for which it has been approved.

DAS
38
9-89



A BOEING COMPANY

Commercial Invoice

AVIALL SERVICES INC
2750 REGENT BLVD
DFW AIRPORT TX 75261
USA

Tracking Number
446949906700

Ship From LU_US_1009

AVIALL DALLAS HOSE SHOP
2755 REGENT BLVD
DFW AIRPORT TX 75261
USA

Government Transaction Number
NOEEI FTR 30.36

Delivery Number
8006022296

Commercial Invoice Number
9307630919

Ship Date
22 June, 2018

Incoterms
EXW Shipping Point

Sold To 10003952 DART AEROSPACE LTD 1270 ABERDEEN STREET HAWKESBURY ON K6A 1K7 CANADA	Ultimate Consignee 10003952 DART AEROSPACE LTD 1270 ABERDEEN STREET HAWKESBURY ON K6A 1K7 CANADA	Ship To 10003952 DART AEROSPACE LTD 1270 ABERDEEN STREET HAWKESBURY ON K6A 1K7 CANADA	Freight Forwarder 400010 FEDEX FEDEX NATIONAL LTL INC PO BOX 94515 PALATINE IL 60094-4515 Tax Number: 20-4734803
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Comments:

ATTN Freight Forwarder: Email a copy of Master Air Way Bill (MAWB) to aesaudits@aviall.com

Item	Part Number & Description	Country of Origin	Quantity	UOM	Unit Value USD	Extended Value USD
10	156003-6D0274 - HOSE: MED PRESSURE,RUBBER Export Tariff: 4009220050 Export Classification: 9A991.d Authorization: NLRAT_JAN_2020 Sales Order: 1004179550 PO: PO040246 Batch Number : 100163041	US	6	EA	244.72	1,468.32
20	156003-6D0590 - HOSE: MED PRESSURE,RUBBER Export Tariff: 4009220050 Export Classification: 9A991.d Authorization: NLRAT_JAN_2020 Sales Order: 1004179550 PO: PO040246 Batch Number : 100163042	US	4	EA	297.64	1,190.56
30	156062D1054D000 - HOSE: MED PRESSURE,RUBBER Export Tariff: 4009220050 Export Classification: 9A991.d Authorization: NLRAT_JAN_2020 Sales Order: 1004179550 PO: PO040246 Batch Number : 100163043	US	4	EA	501.22	2,004.88

DAS
38
9-89



Commercial Invoice

Delivery Number	Commercial Invoice Number
8006022296	9307630919

Item	Part Number & Description	Country of Origin	Quantity	UOM	Unit Price USD	Extended Value USD
------	---------------------------	-------------------	----------	-----	-------------------	-----------------------

Gross Value	4,663.76
Add on Charges	
Tax Value	
Freight Charges	
Total Net Value	4,663.76

**FOR CUSTOMS PURPOSES ONLY
NOT A BILLING INVOICE**

These items are controlled by the U.S. Government and authorized for export only to the country of ultimate destination for use by the ultimate consignee or end user(s) here in identified. They may not be resold, transferred, or otherwise disposed of, to any other country or to any person other than the authorized ultimate consignee or end-user(s), either in their original form or after being incorporated into other items, without first obtaining approval from the U.S. government or as otherwise authorized by U.S. law and regulations.